AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1. (Currently Amended) A blood pressure monitor, comprising:

a blood pressure data storage unit for storing blood pressure data groups each of which includes at least one blood pressure ~~datum~~ data measured under one measuring condition per measuring condition; and

an evaluating quantity calculating unit for calculating an evaluating quantity based on an interrelation between [[the]] blood pressure data in the blood pressure data groups and the blood pressure data in another blood pressure data ~~groups~~ group with different measuring [[condition]] conditions.

Claim 2. (Currently Amended) The blood pressure monitor according to claim 1, further comprising an intra-group average calculating unit for calculating intra-group averages of the blood pressure data in the blood pressure data groups for the blood pressure data groups with the different measuring conditions.

Claim 3. (Original) The blood pressure monitor according to claim 1, wherein the evaluating quantity calculating unit calculates the evaluating quantity based on an average value and a different value of the intra-group averages in the blood pressure data groups.

Claim 4. (Currently Amended) The blood pressure monitor according to [[claims]] claim 1, wherein the evaluating quantity is related with a degree of a risk of cardiovascular diseases.

Claim 5. (Currently Amended) The blood pressure monitor according to claim 2 ~~any one of claims 2 to 4~~, wherein the measuring conditions are a plurality of specified time zones.

Claim 6. (Currently Amended) The blood pressure monitor according to claim 5, wherein the [[plural]] plurality of specified time zones include a first time zone which starts from about two hours before bedtime and ends ~~until~~ about two hours after bedtime, and a second time zone which starts from about two hours before uprising and ends ~~until~~ about two hours after uprising.

Claim 7. (Original) The blood pressure monitor according to claim 5, further comprising:

a clock unit for outputting time information,

wherein the blood pressure data storage unit discriminates the measuring conditions for each blood pressure data based on the time information output from the clock unit and stores the blood pressure data according to measuring conditions.

Claim 8. (Original) The blood pressure monitor according to claims 1, further comprising:

an input unit through which a user inputs the measuring conditions,

wherein the blood pressure data storage unit stores the blood pressure data based on the measuring conditions input from the input unit.

Claim 9. (Currently Amended) The blood pressure monitor according to claim 2 ~~any one of claims 2 to 3~~, further comprising a diagnostic unit for providing at least one or more threshold values on at least one of primary parameter axes obtained as intra-group averages of a plurality of blood pressure data groups with the different measuring conditions or average values and different values of the intra-group averages, defining a plurality of primary parameter areas, which are prescribed by the threshold values, in a primary parameter multi-dimensional area composed of the primary parameter axes, and determining or displaying which area of the primary parameter areas where actual values of primary parameters obtained based on the measured blood pressure data are present, so as to make a diagnosis based on the blood pressure data.

Claim 10. (Original) The blood pressure monitor according to claim 9, further comprising:

a primary parameter area display unit for displaying the primary parameter multi-dimensional area,

wherein the primary parameter area display unit displays the actual values of the primary parameters on the primary parameter multi-dimensional area.

Claim 11. (Original) The blood pressure monitor according to claim 10, further comprising:

a primary parameter set storage unit for storing a plurality of primary parameter sets which are composed of the intra-group averages of the blood pressure data groups with the different measuring conditions or pairs of the average values and the different values of the intra-group averages,

wherein the primary parameter area display unit displays the primary parameter sets on the primary parameter multi-dimensional area simultaneously.

Claim 12. (Original) The blood pressure monitor according to claim 9, further comprising:

a cardiovascular disease risk defining unit in which a degree of digitized cardiovascular disease risk is associated with the primary parameter areas, respectively,

wherein the risk calculating unit determines or displays the cardiovascular disease risk based on the determination as to which area of the primary parameter areas where the actual values of the primary parameters are present.

Claim 13. (Currently Amended) The blood pressure monitor according to claim 9, wherein the threshold values provided on the primary parameter axes obtained as the average values of the intra-group averages in the blood pressure data groups are threshold values of systolic blood pressure[[, and they]] which are about 135 mmHg.

Claim 14. (Currently Amended) The blood pressure monitor according to claim 9, wherein the different values of the intra-group averages in the blood pressure data groups are increments of systolic blood pressure measured at time before and after uprising with respect to systolic blood pressure measured at a time before bedtime, and the threshold values provided on the primary parameter axes obtained as the different values of the intra-group averages are about 20 mmHg.

Claim 15. (Original) The blood pressure monitor according to claim 3, further comprising:

a cardiovascular disease risk calculating function unit for estimating a degree of cardiovascular disease risk in a numerical manner by using both the average values and the different values of the intra-group averages in the blood pressure data groups as input variables,

wherein the cardiovascular disease risk calculating function unit calculates or displays the cardiovascular disease risk when the actual values of the average values and the different values of the intra-group averages are obtained.

Claim 16. (Currently Amended) A cardiovascular disease risk analyzing program for ~~allowing a computer to execute:~~ execution on a computer, the program comprising:

~~the obtaining step of~~ obtaining blood pressure data;

~~the blood pressure data storing step of~~ storing blood pressure data groups including at least one blood pressure ~~datum~~ data measured under same measuring conditions in the obtained blood pressure data into a storage section according to measuring conditions; and

~~the evaluating quantity calculating step of~~ calculating an evaluating quantity based on an interrelation between the blood pressure data in the blood pressure data group and the blood

pressure data in another blood pressure data group with different measuring [[condition]] conditions.

Claim 17. (Currently Amended) The cardiovascular disease risk analyzing program according to claim 16 ~~for allowing the computer to further execute the intra-group average calculating step of~~ further comprising calculating intra-group averages of the blood pressure data in the blood pressure data groups for the blood pressure data groups with the different measuring conditions.

Claim 18. (Currently Amended) The cardiovascular disease risk analyzing program according to claim 16, wherein ~~at the evaluating quantity calculating step,~~ during evaluation, the evaluating quantity is calculated based on average values and different values of the intra-group averages in the blood pressure data groups.

Claim 19. (Original) The cardiovascular disease risk analyzing program according to claim 16, wherein the evaluating quantity relates to a degree of the cardiovascular disease risk.

Claim 20. (Currently Amended) The cardiovascular disease risk analyzing program according to ~~any one of claims 17 to 19,~~ claim 17, wherein the measuring conditions are a plurality of specified time zones.

Claim 21. (Currently Amended) The cardiovascular disease risk analyzing program according to claim 20, wherein the specified time zones include a first time zone which starts from about two hours before bedtime and ends ~~until~~ about two hours after bedtime, and a second time zone which starts from about two hours before uprising and ends ~~until~~ about two hours after uprising.

Claim 22. (Currently Amended) The cardiovascular disease risk analyzing program according to claim 20, ~~for allowing the computer to further execute the clock step of~~ further comprising outputting time information,

wherein ~~at the~~ during blood pressure data storing ~~step~~, the measuring conditions are discriminated according to the blood pressure data based on the time information ~~output at the clock step~~, and the blood pressure data are stored into the storage section according to the measuring conditions.

Claim 23. (Currently Amended) The cardiovascular disease risk analyzing program

according to claim 16, ~~for allowing the computer to further execute the input step of~~ further comprising receiving the measuring conditions from a user,

wherein ~~at the~~ during blood pressure data storing ~~step~~, the blood pressure data are stored based on the measuring conditions ~~input at the input step~~ into the storage section according to the measuring conditions.

Claim 24. (Currently Amended) The cardiovascular disease risk analyzing program according to claim 17, ~~any one of claims 17 to 18, for allowing the computer to further execute the diagnostic step of~~ further comprising providing one or more threshold values on at least one of primary parameter axes obtained as the intra-group averages in the blood pressure data groups with the different measuring conditions or the average values and the different values of the intra-group averages, defining a plurality of primary parameter areas which are prescribed by the threshold values in a primary parameter multi-dimensional area composed of the primary parameter axes, and determining or displaying as to which area of the primary parameter areas where actual values of primary parameters obtained based on the measured blood pressure data are present so as to make a diagnosis based on the blood pressure data.

Claim 25. (Currently Amended) The cardiovascular disease risk analyzing program according to claim 24, ~~for allowing the computer to further execute the primary parameter area display step of~~ further comprising displaying the primary parameter multi-dimensional area,

wherein at the primary parameter area display step, the actual values of the primary parameters are displayed on the primary parameter multi-dimensional area.

Claim 26. (Currently Amended) The cardiovascular disease risk analyzing program according to claim 25, ~~for allowing the computer to further execute the primary parameter set storing step of~~ further comprising storing a plurality of primary parameter sets composed of the intra-group averages in the blood pressure data groups with the different measuring conditions or pairs of the average values and the different values of the intra-group averages,

wherein ~~at the~~ during primary parameter area display ~~step~~, the primary parameter sets are displayed on the primary parameter multi-dimensional area simultaneously.

Claim 27. (Currently Amended) The cardiovascular disease risk analyzing program according to claim 24, ~~for allowing the computer to further execute the cardiovascular disease risk~~

~~defining step of~~ further comprising associating a degree of the digitized cardiovascular disease risk with the primary parameter areas, respectively,

wherein ~~at the~~ during risk calculating ~~step~~, the cardiovascular disease risk is determined or displayed based on the determination as to which area of the primary parameter areas where the actual values of the primary parameters are present.

Claim 28. (Original) The cardiovascular disease risk analyzing program according to claim 24, wherein the threshold values provided on the primary parameter axes obtained as the average values of the intra-group averages in the blood pressure data groups are threshold values of systolic blood pressure and are about 135 mmHg.

Claim 29. (Currently Amended) The cardiovascular disease risk analyzing program according to claim 24, wherein the different values of the intra-group averages in the blood pressure data groups are increments of systolic blood pressure measured at a time before and after uprising with respect to systolic blood pressure measured at a time before bedtime, and the threshold values provided on the primary parameter axes obtained as the different values of the intra-group averages are about 20 mmHg.

Claim 30. (Currently Amended) The cardiovascular disease risk analyzing program according to claim 18, ~~for allowing the computer to further execute the cardiovascular disease risk~~ further comprising ~~calculating function step of~~ estimating a degree of the cardiovascular disease risk in a numerical manner by using both the average values and the different values of the intra-group averages in the blood pressure data groups as input variables,

wherein ~~at the~~ during cardiovascular disease risk calculation ~~calculating function step~~, when the actual values of the average values and the different values of the intra-group averages are obtained, the cardiovascular disease risk is calculated or displayed.